

List of reference symbols

- 100 Semiconductor laser chip
101 Substrate
102 Semiconductor laser element
103 Beam shaper
104 Lower cladding layer
105 Active layer
106 Thickness of lower cladding layer
107 Thickness of active layer
108 Thickness of upper cladding layer
109 Exit edge of beam shaper
110 Lower surface of beam shaper
111 Surface of substrate
112 Upper cladding layer
113 Upper surface of beam shaper
114 Region of aluminium oxide
115 Laser beam
116 Core of optical fibre
117 Optical fibre
- 200 Semiconductor laser chip
201 Substrate
202 Semiconductor laser element
203 Beam shaper
204 Trench
205 Width of trench
206 Laser beam
207 Shaped laser beam
208 Optical fibre
209 Optical fibre core
- 300 Material composition gradient
301 Profile of material composition gradient
302 First region
303 Second region
304 Third region

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